Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099291.D
Acq On : 10 Oct 2017 10:31
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/11/2017 7:23:35 PM

Quant Time: Oct 10 16:11:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85794	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	365731	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	167553	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	305559	20.00	ng		0.00
75) Chrysene-d12	14.03	240	228215	20.00	ng		0.00
86) Perylene-d12	15.50	264	169858	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	462417	85.80	ng		0.00
7) Phenol-d6	6.50	99	563753	84.79	ng		0.00
23) Nitrobenzene-d5	7.43	82	462959	81.18	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	126162	92.02	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	881615	87.84	ng		0.00
78) Terphenyl-d14	12.97	244	877157	87.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	103035	40.022	ng		92
3) Pyridine	3.42	79	273125	39.217	ng		95
4) n-Nitrosodimethylamine	3.37	42	100145	33.910	ng		81
6) Aniline	6.53	93	362160	40.361	ng		97
8) 2-Chlorophenol	6.65	128	262433	42.999	ng		94
9) Benzaldehyde	6.42	77	139677	36.218	ng		89
10) Phenol	6.51	94	330507	44.450	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	229416	39.688	ng		96
12) 1,3-Dichlorobenzene	6.80	146	277392	43.398	ng		97
13) 1,4-Dichlorobenzene	6.88	146	279170	42.928	ng		99
14) 1,2-Dichlorobenzene	7.03	146	261818	43.571	ng		100
15) Benzyl Alcohol	7.01	79	189672	38.888	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	319698	35.499	ng		96
17) 2-Methylphenol	7.12	107	202596	40.569	ng		98
18) Hexachloroethane	7.37	117	94733	40.527	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	155050	36.528	ng		96
20) 3+4-Methylphenols	7.27	107	256424	40.589	ng	#	86
22) Acetophenone	7.28	105	343442	38.759	ng	#	93
24) Nitrobenzene	7.45	77	255029	39.422	ng		94
25) Isophorone	7.69	82	442662	37.543	ng		99
26) 2-Nitrophenol	7.76	139	144266	46.374	ng		90
27) 2,4-Dimethylphenol	7.80	122	222535	37.878	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	288321	39.239	ng		98
29) 2,4-Dichlorophenol	8.00	162	212252	42.079	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	215412	42.699	ng		99
31) Naphthalene	8.17	128	719605	41.894	ng		100
32) Benzoic acid	7.93	122	145333m	30.115	ng		
33) 4-Chloroaniline	8.22	127	302784	42.211	ng		95
34) Hexachlorobutadiene	8.28	225	109214	42.030	ng		99
35) Caprolactam	8.60	113	67333	41.614	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	231906	40.904	ng		96
37) 2-Methylnaphthalene	8.86	142	464540	41.601	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	216781	43.383	ng		98
40) Hexachlorocyclopentadiene	9.01	237	105003	45.982	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	145844	41.199	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	148996	42.163	ng		93
45) 1,1'-Biphenyl	9.32	154	611825	42.487	ng		99
46) 2-Chloronaphthalene	9.35	162	462587	42.785	ng		97
47) 2-Nitroaniline	9.45	65	130367	39.378	ng		85
48) Acenaphthylene	9.76	152	700598	42.329	ng		100
49) Dimethylphthalate	9.62	163	532373	42.098	ng		100
50) 2,6-Dinitrotoluene	9.69	165	122836	44.617	ng	#	78
51) Acenaphthene	9.94	154	412639	39.357	ng		99
52) 3-Nitroaniline	9.86	138	142558	44.409	ng		87
53) 2,4-Dinitrophenol	9.97	184	45841	35.480	ng		90
54) Dibenzofuran	10.11	168	596683	42.744	ng		98
55) 4-Nitrophenol	10.02	139	92585	34.109	ng		82
56) 2,4-Dinitrotoluene	10.10	165	160362	44.881	ng	#	82
57) Fluorene	10.45	166	487548	43.453	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	99711	40.847	ng		96
59) Diethylphthalate	10.32	149	500798	40.528	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	215886	42.834	ng		95
61) 4-Nitroaniline	10.48	138	144739	46.735	ng		83
62) Azobenzene	10.60	77	422635	37.198	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	82045	44.132	ng		85
65) n-Nitrosodiphenylamine	10.56	169	434020	41.001	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	125024	41.801	ng	#	85
67) Hexachlorobenzene	11.00	284	137697	43.105	ng		96
68) Atrazine	11.09	200	132079	41.471	ng		100
69) Pentachlorophenol	11.19	266	71678	36.054	ng		99
70) Phenanthrene	11.42	178	688671	42.106	ng		98
71) Anthracene	11.47	178	704775	42.114	ng		99
72) Carbazole	11.62	167	691827	42.215	ng		99
73) Di-n-butylphthalate	11.94	149	782165	39.652	ng		99
74) Fluoranthene	12.60	202	707719	42.731	ng		98
76) Benzidine	12.72	184	338743	40.131	ng		99
77) Pyrene	12.83	202	730885	41.999	ng		99
79) Butylbenzylphthalate	13.44	149	327930	40.096	ng		93
80) Benzo(a)anthracene	14.02	228	577680	41.803	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	208386	41.135	ng		97
82) Chrysene	14.06	228	554901	42.178	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	439870	39.059	ng		99
84) Di-n-octyl phthalate	14.60	149	694480	38.298	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	386849	36.758	ng		98
87) Benzo(b)fluoranthene	15.07	252	457018	43.761	ng		97
88) Benzo(k)fluoranthene	15.10	252	454434	44.055	ng		99
89) Benzo(a)pyrene	15.44	252	411264	42.901	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	310702	40.498	ng		97
91) Benzo(g,h,i)perylene	17.44	276	319995	42.196	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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